

## DRILL CHUCKS.

### WESTCOTT'S PATENT LITTLE GIANT.

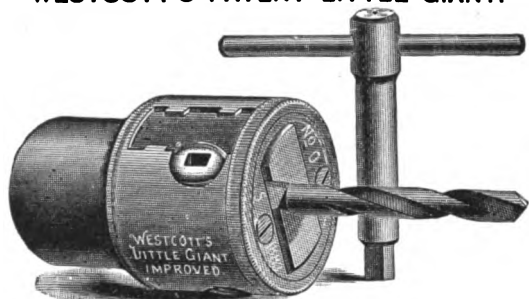


Plate 1266.

### STRAIGHT BODY IMPROVED PATENT LITTLE GIANT.

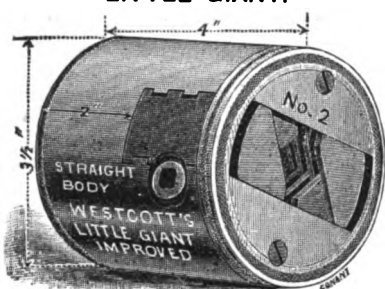


Plate 1268.

### LITTLE GIANT IMPROVED—EXTRA STRONG SOREWS.

	Approximate Diameter	Holding Drills	Price
No. 00	1 1/4 inch	0 to 1/4 inch	\$ 7 00
No. 0	2 1/2 inch	0 to 1/2 inch	8 00
No. 1	3 inch	0 to 3/4 inch	9 00
No. 2	4 inch	0 to 1 inch	10 00
No. 2 1/2	5 inch	0 to 1 1/4 inch, extra strong	11 00
No. 3	6 inch	0 to 1 1/2 inch	18 00
No. 4	8 inch	0 to 2 inch	20 00
No. 5	9 inch	1 1/2 to 2 1/2 inch	25 00
No. 6	10 inch	3 inch capacity	.....

### THE PRATT CHUCK.

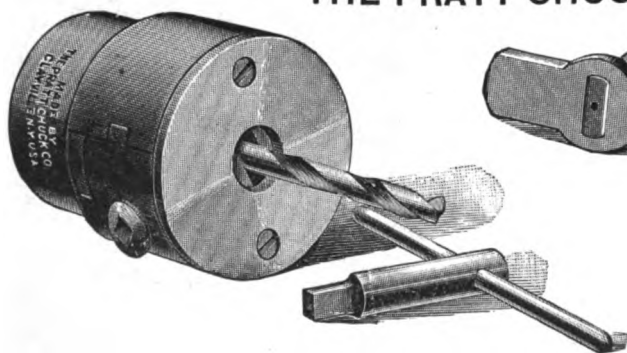


Plate 1269.

The above cut shows the Chuck assembled. The distinctive features of the Pratt Chuck is the patented equalizing driver in which the end of the drill is inserted, giving positive rotation to the drill independently of the jaws of the Chuck. This driver is self-adjusting, permitting the jaws to center and align the drill accurately in the Chuck, so that it is always true and absolutely impossible for the drill to slip while in work.

The parts of the Chuck are made to standard gauges and are practically interchangeable. The working parts are made from tool steel, carefully tempered to prevent wear, and with proper use are virtually indestructible. There is a decided saving in time in its use over the ordinary friction chuck, it being designed for continuous, rapid and hard service; it drives the drill to its full capacity without wear or damage to its shank.

### THE ONEIDA PATENT.

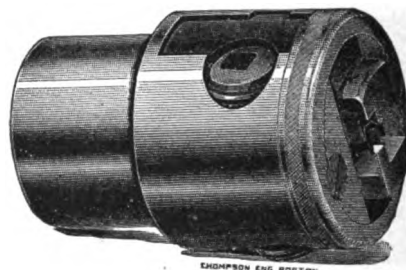


Plate 1267.

This Chuck was designed by Mr. Westcott with a view to increase the grip and to lessen the tendency to shear the drill, as is the case with some side-screw chucks now in use. In this Chuck the tongues are disposed obliquely across the axis of the drill, and in this way get a long bite on the drill, which will not groove if the drill should possibly slip. The body is made of spindle steel, and the jaws of the best tool steel, carefully hardened. Accuracy guaranteed.

This is the best Chuck ever brought out for blacksmiths' drill presses and woodworkers' boring machines.

### THE ONEIDA PATENT.

	Approx. Diam.	Length	Weight	Capacity
No. 0	1 11-16 in.	2 1/8 in.	17 oz.	0 to 13-32 in.
No. 1	2 in.	3 in.	1 lb. 7 oz.	0 to 1/2 in.
No. 0	.....	.....	.....	\$7 00
No. 1	.....	.....	.....	8 00

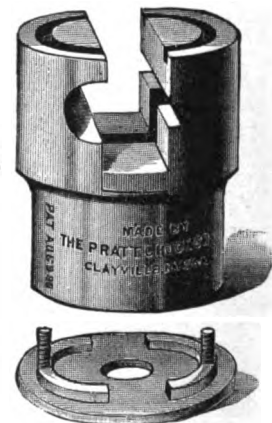


Plate 1270.

The above cuts show the Chuck Body and Face Plate, also the Positive Driver engaging the shank of drill.

### PRATT'S PATENT IMPROVED POSITIVE DRIVING DRILL CHUCKS.

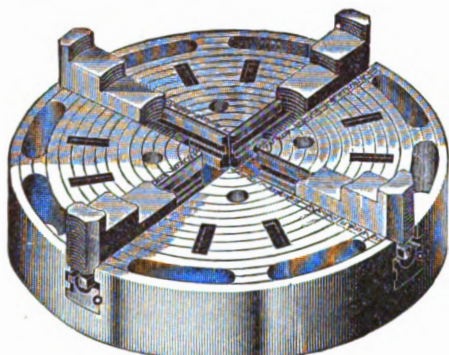
	Diameter	Holding Drills	Price Each
No. 1	2 1/4 in.	0 to 1/2 in.	\$ 8 00
No. 2	3 in.	0 to 3/4 in.	9 00
No. 3	3 3/4 in.	0 to 1 in.	10 00
No. 4	5 in.	0 to 1 1/2 in.	20 00
No. 5	6 3/4 in.	0 to 2 in.	25 00

**WESTCOTT PATENT LATHE CHUCKS.**

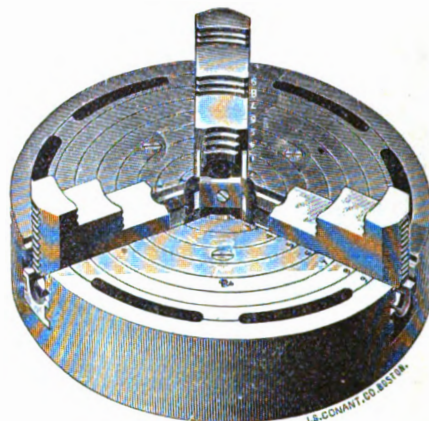
TRADE

**I. X. L. INDEPENDENT LATHE CHUCK.**

MARK.

**Plate 1275.****JAWS REVERSIBLE.**

Diameter	Capacity	Weight	Diam. of Center Hole	Diam. of Recess for Face Plate	Price, with 3 or 4 Jaws
4 9-16 in.	5 1/2 in.	.....	1 in.	3 1/2 in.	\$ 14 00
6 in.	6 3/4 in.	.....	1 1/4 in.	5 9-16 in.	18 00
8 in.	9 in.	.....	1 7/8 in.	4 7-16 in.	22 00
10 1/8 in.	12 in.	.....	2 in.	5 1/2 in.	26 00
13 1/4 in.	17 in.	.....	3 in.	6 1/2 in.	32 00
16 in.	20 in.	.....	3 in.	7 1/2 in.	38 00
18 1/2 in.	23 in.	.....	4 in.	8 in.	44 00
21 1/4 in.	26 in.	.....	4 in.	9 1/2 in.	55 00
24 in.	30 in.	.....	4 3/4 in.	10 in.	65 00
30 in.	36 in.	.....	6 in.	12 3/4 in.	120 00
36 in.	43 in.	.....	7 1/4 in.	15 in.	210 00

**PATENT SCROLL COMBINATION LATHE CHUCK.****Plate 1276.**

Diameter over all.	Will hold inside of Jaws	Diameter of Recess for Face Plate	Three Jaws, Price	Four Jaws, Price
4 9-16 in.	5 1/2 in.	.....	\$ 24 00	\$ 30 00
6 in.	6 1/2 in.	.....	25 00	31 00
7 1/2 in.	8 in.	3 1/2 in.	26 00	32 00
10 1/8 in.	12 in.	4 7-16 in.	34 00	42 00
13 1/4 in.	15 in.	5 9-16 in.	44 00	56 00
16 in.	18 in.	6 3/4 in.	52 00	64 00
18 1/2 in.	21 1/2 in.	7 9-16 in.	62 00	75 00
21 1/4 in.	26 in.	9 1/2 in.	80 00	95 00
24 in.	30 in.	10 in.	100 00	120 00
30 in.	36 in.	12 3/4 in.	170 00	200 00
36 in.	43 in.	15 in.	230 00	285 00